HOARD'S DAIRYMAN
2009 EDITORIAL INDEX

Index to Volume 154
HOARD'S DAIRYMAN

W. D. Hoard and Sons Company, Publishers
Fort Atkinson, Wis. 53538

All pages followed by an (R) are in regional editions only.
"Healthy cows for a healthy industry" (Johne's supplement) is in April 10.
EXPO pages are in September 10.
"Where is energy heading?" supplement is in November.

- A -

Abortions 703
Acidosis--long-cut forages won't cut 324
Ads--milk cartoon 739
Advisors--role 22
Aerobic composting . 725 (R)
Aging 147
Agriculture--thank you to .. 521
Agri-Mark--BST phase-out 127
-premium to members ... 475
-profit announcement 243
Alfalfa--cutting after killing frost 619
-fall harvest 63-660
-fields (traffic) 284
-mowing at dusk 360
-mowing height 292
-November harvest 561
-Roundup Ready, status 291
-swath width 329
-top states in harvested 159
All American Jersey Show 770
Along the Way 65-147-229-307-375-463-527-593-677-775
American Association of Bovine Practitioners --awards 607
American Dairy Science Assn.--abstracts from .. 581
-annual meeting reports 133
-award recipients 475
American Guernsey Assn. --annual meeting 484
American Jersey Cattle Assn. --annual meeting 485
Amino acids--feeding 644
Ammonia--emissions 480
Anatomy--study (cows) 18
Anaerobic digesters 21
Animal care 458
Animal rights 458
Animal Sciences Association --abstracts 581
Antibiotics--positive milk tests 319
-scours prevention 538
Artificial breeding--base changes 596
-bulls vs. 568-763
-conception rates (fats) . 24
-cost reduction 176
-crossbreeding 367
-daughter performance between, bulls and herd bulls 763
-first-crop proofs 445
-genetic improvement budgets 231
-genomic evaluations 59-84
-genomic proofs 85
-Ovsynch 728
-PD$ (better breeding indexes) 663
-phenotypes 314
-pregnancy rate 410
-pregnancy worth 334
-programs 99
-presynch 620
-PTA differences 171
-service sires 141
-sexed semen 272
-trait evaluation 530
Associated Milk Producers -earnings 279
-payout 79
Auction--world (milk prices) 754
Automatic calf feeder 582,856
Ayrshire--annual meeting .484

- B -

Baby--first (June Dairy Month) 422
Bacteria counts--milk 330
Badgerland Financial 159
Bale--silage ..... 444 (R)
Baleage--making ..... 494 (R)
Baltimore--Meatless Mondays 691
Bankruptcy--impacts (farms and businesses) 452
-laws (new) 535
Banks--lending power 297
Barn--calf (new) 706
Barns--compost 112
-floor (finishing sand-bedded) 382
-free stall (transition from stall) 108
-renovated 361
-ventilation 372
Batteries--lead poisoning 696
Bedded pack--free stalls vs. 696
Bedding--calves 52
-depth 440
-problems ..... 110 (R)
-solids 518
Beef--dairy 248-482-526
-E. coli detection 612
Beef cattle--mad cow testing 79
Beef Checkoff Program .. 575
Biosafety--Ohio State University 319
Biosecurity 588-644
Blogs ... 82-130-162-202-246 282-322-358-390-438-478-514-546-578-610-642-694
Blood pressure--low-fat dairy products lower 164
Body condition--scoring .. 443
Book--Bull Justice 319
-milk marketing 542
Boot box 65
Borax--hog manure treatment 227
Botulism 750
Bovine viral diarrhea--calves 548
Breeding--synch programs .11
Broadband internet 199
Brown Swiss--genomic evaluations 523
Brown Swiss Cattle Breeders --annual meeting 485
BSE--beef cattle testing . 127
-blood test 132
-Northern Ireland 125
BST--Agri-Mark phasing out 127
-free milk 387
Bull list--Hoard's Dairyman .....101 to 104, 293 to 296, ...557 to 560
-on-line 516
Bulls--artificial insemination vs. 568-763
-use 324
Bunker silos--management.327
-packing 366
Burdock--control 454
Burkhart, J. and J. (creamery) 519
Buske, K., internship 355

- C -

Cacique, Inc.--lawsuit 691
Cal-West Dairymen 159
Calcium--cancer protection 199
-supplements 8
Calf--deformed 139
-tailless 634
California--cost of production 575
-farmworker union bill vetoed 575
-federal order possibility 255
-plant capacity 17
-right to farm 204
-tail docking 204
-waste management plans 542
-water value 355
Calves--automatic feeders 582,856
-barn for 602
-bedding 52
-behavior 15
-bull-to-heifer 329
-BVD 548
-colostrum feeding 383-480-548
-colostrum replacer (Johne's) 248
-dehorning 338
-diarrhea 53-238-383
-early weaning 214-447
-feeding 344-552
-feeding (milk replacer or pasteurized milk) 164
-growing 60
-hornless 594
-housing (new) 706
-housing (sheds) 362
-limit feeding 612
-navel dipping 75
-newborn care 430-584
-newborn vaccinations . 166
-pasteurized 480
-pneumonia 412
-raising 423
-scours 238-538
-seizures 154
-specialist (Geisler) 724
-stillborn 10
-veal (group housing) . 516-776
Calving--difficulty (chromosome 18) 355
-pen types 440
-process 285
Cameras--infrared (hoof-and-mouth) 360
Canada--dairy products .. 575
-research facilities 575
-supply management ... 611
Canadian National Dairy Health Project 435
Cancer--calcium protects against 199
-ReCharge combats chemo side effects 739
Carbon --emissions (Global Dairy Agenda for Action) 639
-footprints 203-547
-global, trading 511
-milk 542
-sequestration 745
Care packages--Iraq army reservists 691
Career--pharmaceutical sales 268
Cattle--humane treatment 83
-lead poisoning 696
-pain management 580
-safety with 548
Cattlemen's Beef Board --budget 653
-William's role 526
Cell phones 29
Cheese--milk supply to .. 365
-production climb (U.S.) 639
Chemotherapy--ReCharge combats effects of 739
Childbirth--dairy situation and relation to 766
Children--awareness 375
-dairy consumption 127
-head lice 307
-milk nutrients 159
-milk or water beverages 79
-nutrition 435
-safety on farms 612
China--Dairy Queen 691
-pork importer 159
-snow kills cattle 199
Classes--on-line 543
Classification--program update 30
Claw lesions 550-551
Cleanliness 289
Coca-Cola--carbonated milk drink 511
College--financing 564
-student internships (Dairy Shrine) 739
Colorado--New Frontier Bank closure 355
-raw milk 387
Colostrum--feeding .. 383-548
-replacer (Johne's) 248
Combining--spring corn .. 744
Commodities--feeding 371
Commodity markets --weak 164
Common Threads 29-115-,-187-267-336-421-499-563-625-723-
Communication--family ... 516
Component pricing 325
Compost--barns 112
Composting--aerobic 725 (R)
Computers--backups 758
Conception rates--fats 24
Cooking--home (calories gained) 84
Cooperatives--Agri-Mark 127-.....243-475
-Associated Milk Producers 79-279
-Cal-West Dairymen 159
-Fonterra 639
-Land O' Lakes 319
-Maryland and Virginia Milk Producers 319
-Premier Milk Incorporated 639
-top 50 613
Core, M. ..... EXPO 7
-scholarship 332
Corn--futures 8-164
-genetically modified, baned in Germany 435
-high-moisture (digestibility) 753
-high-moisture ear 655
-immature 561
-prices 204-324-440-512
-prices and relation to ethanol 695
-silage 168
-silage (feeding) 399
-silage (feeding new) ... 712
-silage (fermentation) ... 532
-silage (kernel processing) 523
-silage (making) 525
-silage (top 10 states) . 127
-silage (value) 561
-spring combining 744
-weed control 291
Correction--summer milk production 542
Cottonseed--prices ... 52-248-.....548
Couch Family (retail store) 462
Coupons--supermarkets . 279
Cow judging contest -Ayrshire class 125
-Brown Swiss class 1
-Holstein class 45
-Jersey class 157
-judges 286
-owners and production records 250-251
-placings 287
-reasons 286
-Red and White class 77
-scoring key 287
-winners 323
Cows--anatomy study 18
-bunching 369
-close-up (Round Table) 88
-comfort (bedding depth) 440
-comfort (Hardee Farms) 214
-cooling 369-503
-culling 324
-dehydration 726
-dirt eating 696
-fiber 360
-drenching (sore mouths)538
-dry periods (shorter) 496
-dystocia 512
-eyes (behavior signs) ... 248
-feed bunk space needs 470
-feet and leg traits 96
-fluid therapy 19
-fresh (care) 332
-fresh (losses) 332
-fresh (Round Table) 88
-fresh (uterine health) .. 261
-gait scoring fresh 516
-grazing (power line disorientation) 284
-handling (Round Table) 56
-health (organic and conventional farms) 435
.....511
-heat stress 468
-hemorrhagic bowel syndrome 506-734
-high-cell-count 20
-hoof trimming 395
-immune system 481
-immunosuppression 72
-injury reduction 140
-lame (heat detection) 8
-lame (tie stall herds) .. 440
-lameness 94
-lameness (neck rails) . 516
-lying-down time 360
-management 237
-mastitis, harder to get bred 6
-methane emissions 203
-metritis 297-480
-numbers 167
-pasture and free stalls 580
-pneumonia 174
-pregnancy tests 661
-pregnant (exercise) 132
-stocking density 248
-stomach holes 315
-swollen hocks 790
-transition from stall to free stalls 108
Crave Brothers--manure digester ..... 182 (R)
Credit--accessing 259
Crops--residue cover monitored by satellite . 284
Crossbreeding 122-367
Crowdgate 765
Culling 324
Czech Republic--milk price protest march 243

- D -

Dairy--beef 248-482-526
-build new or retrofit 288
-facilities (leasing) . 587-753
-packing material 612
-producer debt 575
-situation and relation to childbirth 766
Dairy Challenge 230-380
Dairy checkoff 247
Dairy facility--leasing ..... 587-.....753
Dairy farmers--peer groups 61
Dairy Farmers of America --annual meeting 305
-Commodity Futures Trading Commission settlement 79
-damage award 691
-plant renovation 435
Dairy Herd Analytics 466
Dairy processing facilities --investments in 199
Dairy products--consumption (weight loss) 575
-low-fat, lower blood pressure ... 164
-per-capita consumption 127
-product demand 184
-worldwide consumption 475
Dairy promotion 247
-generic 397
Dairy Queen--China 691
Dairy Shrine--internships 739
Dairy Summit 7
Dairy Wage Survey 435
Dairying--carbon footprint 547
-exit? 536-600
-financial troubles 563
-forecast bleak 106
-future 9
-New Zealand 67
-North Carolina 75
-northeast U.S. (profitability) 579
-options 676-701
-public image 643
-ten strategies for tough times 393
-young producers 714
Dairyland State Academy 243
Datebase--animal drug approvals 159
-food product trace 159
Dean Foods--earnings jump 159-475
Dehorning--genetics 338
-humane 83
-methods 84
Dehydration--cows 726
Depression 324
-Great 441
Diamond Hill Custom Heifers (aerobic composting) .....725(R)
Diarrhea--calves 53-127-238-.....383
Dietzia--Johne's 612
Digesters--anaerobic ..... 21-182 (R)-647
Dirt--eating (cows) 696
Disagreements 593
Disease--biosecurity 588-644
Distillers grains--prices .. 204-.....516
Diversification--farm 222
Dog--farm 337
Downer cows 360
Drugs--animal approval database 159
Dry matter intake--measuring 720
Dry period--length 84
-shorter 496-548
Dutcher, C., internship ... 355
Dry distillers grain--prices 392
Dystocia 489-612

- E -

E. coli--detection 612
Ear--moth in 677
Editorials--antibiotics 12
-California dairying 290
-Canada's quota system 618
-Christmas scripture 752
-climate bill 554
-community digesters .. 364
-corn prices 364
-credit crisis 522
-crossbreeds 138
-CWT cynicism 586
-CWT program 62-258-446
-dairy decisions 618
-Dairy Forage Research Center 210
-dairy losses 522
-dairy problem 488
-dairying downturn (global)12
-dairying in 2009 752
-dairying is different 210
-depression 446
-economic recovery 654
-ethanol's future 704
-export drop 654
-farm program payments 258

KEY TO PAGE NUMBERS

January 10	**1-44**	**June**	**385-432**
January 25	**45-76**	**July**	**433-472**
February 10	**77-124**	**August 10**	**473-508**
February 25	**125-156**	**August 25**	**509-540**
March 10	**157-196**	**September 10**	**541-572**
March 25	**197-240**	**September 25**	**573-604**
April 10	**241-276**	**October 10**	**605-636**
April 25	**277-316**	**October 25**	**637-688**
May 10	**317-352**	**November**	**689-736**
May 25	**353-384**	**December**	**737-792**

HOARD'S DAIRYMAN

-federal order reform 170
-fertilizer prices 92
-food pantries 170
-forage harvesting techniques 290
-free stall cows 328
-genomic era 62
-health care 586
-HSUS 170
-hunter alliance 586
-ID (animal) 138
-immigration reform 398
-Jerseys on Hoard Farm 704
-labor laws 290
-losses 138
-milk balancing loads 364
-milk prices 328
-milk quality 522
-new administration 92
-nutrition issues 92
-Ohio Issue 2 752
-perfect storms 554
-pizza (cheese use) 12
-policy options 398
-price stabilization program 398
-retail prices 446
-rumens 618
-sexed semen 210
-Strickler, Ivan 62
-supply management 554
-targeted herd reductions704
-TB (bovine) 328
-Torkelson Cheese Co. . 618
-vegetarians 488
-volatility 258
-Wisconsin milk supply/demand 488
-world food supplies 654
ELISA tests 580
Emmi--Roth Kase USA purchased by 159
Employees--classification . 312
-immigrant 749
-part owners 298
-part-time 218
-screening 32
-suggestions from 460
-teamwork 137
Environment--methane emissions 203
-Precision Feed Management Program 406
EPA--rural dust 279
Essential oils--feeding 16(R)-440-646
Estrogens--forage-produced 153
Ethanol--feed prices and relation to 695
European Commission--genetically modified soybean approved 159
Exports--dairy, drop 447
Eyes--cows (behavior signs) 248

- F -

Family--communication .. 516
-financial stress 219
-harmony 448
-time with 55
Farm--bankruptcy impacts .452
-cleanliness 289
-credit assessment 259
-data protection 758
-diversification 222
-divorce consequences 672
-dog 337
-employees (immigrant) 749
-employees (part owners) 298
-employees (part-time) 218
-family (financial stress) 220
-family (harmony) 448
-family (importance) 55
-family, operation 31
-finances 66-457
-finances (borrowing) ... 297
-finances (dairy dozen) .. 51
-greenhouse emissions .127
-interns (international) 64
-leaders 756
-manure spreading in winter 586
-modernization 326
-numbers 183-199
-processing on farm 744
-succession planning ... 592
-surveillance 710
-tools to keep older generations on 105
-wives (on-farm jobs) 421
Farmers--dairy (credit availability) 211
-health care cost 744
-proactivity 146
Farmers' markets--growth 644
Farming--silver lining 723
Fats--conception rates 24
-feeding 325
FDA--new feed ban rule 623
Federal order--California 255
Feed--converting from as-fed to dry matter basis 13
-cost changes affect milk costs 450
-costs (income over) 490
-FDA, ban rule 623
-prices and relation to ethanol 695
-sorting 589
Feed bunk--space needs . 470
Feeder--automatic calf 582-656
Feeding--amino acids 644
-calves 344
-chopped hay 178
-chopped straw 178
-colostrum 383
-commodities 371
-corn silage 399
-corn silage (new) 712
-dry matter intake 720
-essential oils ... 16(R)-440-646
-fat 325
-fermentation analysis ... 98
-high-forage diet (Benware Dairy) 583
-lameness avoidance through 670
-limit, calves 612
-limit, heifers 252
-MUN values 768
-priorities 206
-protein 325
-spreadsheet 400
-starch 552
-strategies 581
-TMR 394
-urea 256
-webinar 184
-wet corn gluten 644
-yeast 142
Feet--traits (cows) 96
Fencing--hillside 147
Fermentation analysis 98
Fertilizer--cost cutting 86
-manure 409-590
FFA--Dairy Production Entrepreneurship Proficiency Award (T. Schafer wins) 308
FFA National Convention --top dairy cattle evaluation team 79
-winning dairy foods team 79
Finances--crunch (4 Cs) .. 626
-farm 66-457-563
-indicators (dairy dozen) 51
-interest payments 132
-lender evaluation 399
-stress 219
-volatility 132
First North American Conference on Precision Dairy Farming 659
Floors--finishing (sand-bedded) 382
Fluid therapy--cows 19
Fonterra Cooperative Group--Chicago Technical Center opened by 47
-Edendale factory 543
-three-stage capital restructuring plan) 639
Food--safety 324
-trace database 159
-trends 391
Foot troubles (ulcers) 516
Foot-and-mouth--infrared cameras 360
Forage--early frost 642
-estrogen (reproductive trouble) . 153
-PEAQ sticks 171
-quality (Round Table) 134-698
-sampling procedures .. 696
-storage 363-381
-tests 26
Forage conference 466
Form 1-9 760
Formula--soy-based infant .47
Free stalls--bedded pack vs. 696
-cows 580

- FARM WRITEUPS -

Benware Dairy (high-forage diet) 583
Couch Family (retail store) 462
Crave Brothers (manure digester) ..... 182 (R)
Diamond Hill Custom Heifers (aerobic composting) 725(R)
Hardee Farms--cow comfort 214
Koepp Family (family time) 55
North Florida Holsteins (calf sheds) 362
Picket Fence Creamery .. 519
Tetreault Brothers (growing own heifers) 208
Welch, E. and E. (recognition) 306

- G -

Geisler, G. (calf and heifer specialist) 724
Generations--bridging 148
-identifying 116
-tools to keep older, on the farm 105
Genetics 231
-blueprint 387
-dehorning 338
-evaluations 365
-first-crop proofs 445
-polled 594
Genomics ..59-84-85-93-141-199-314-511-697-705
Germany--ban on genetically modified corn 435
Gifts--10 things not wanted 775
Global Dairy Agenda for Action 639
-new website 691
Global marketing 173
Graduate school 188
Grass--mystery 130
Grazing--cost cutting 392
-high-tech 164
-organic, standards 3
-turnips 120
Great Lakes Dairy Calf Symposium 199
Greenhouse emissions . 127-516
Group housing--veal calves 516-776

- H -

Hair whorls 52
Hardee Farms--cow comfort 214
Harvest 625
Hay--ash-dirt content 211
-feeding chopped 178
-pricing 561
Health--human concern (veterinarians) 283
Health care--costs (farmers) 744
Headaches--ice cream ... 489
Heat detection--lame cows 8
Heat stress 468-549
Hedging 570
Heifers--commingled 350
-eating habits 480
-expense reductions 645
-growing 614
-growing (Round Table) 746
-growth measurement .. 659
-limit feeding 252
-phosphorus 360
-shade 392
-TMR 248
-udder development 194-204
Hemorrhagic bowel syndrome 506-734
Herd check 298
Herd check (financial) 66
Herd health 627
Hereford--genetic blueprint 387
Hilmar farm--interns 628
Hocks--swollen 790
Holstein--club (oldest) 355
Holstein Canada--annual meeting 639
Holstein USA--annual meeting 486
Holsteins--calving difficulty (chromosome 18) 355
-Italy 475
-U.S. numbers 475
Hooves--claw lesion management 550-551
-trimming 395
Houses 147
HVF milk ..... 652 (R)

- HANDY HINTS -

Animals--tracking 723
Bales--wrapping round ... 267
Birdhouses--survey stakes 499
Blade--quick-attach 147
Board--eraser, tracks calves 307
Boots--washing 307
Bottle holder 337-775
Bottle washer 65
Bottom unloader (rate slowing) 115
Bucket holder 147
Bulk tank--lights track 29
Bunker--pea stone bags secure 677
Bunks--wood plank keeps feed in 775
Card file--hose tip storage 593
Cart--janitor, makes milk cart 593
-recycled shopping 499
Chalk--marks (vet check) 463
Concrete--two-way cut ... 625
Door--wooden arm provides security 775
Eaves--repair (PVC pipe) 563
Egg basket--nipple storage115
Equipment list 337
Feeder wagon--hookup 29
Fence--electric 65
-electric, warning notice 677
-electric diversion 463
-electric wire protects .. 723
-posthole digger wraps 375
-short protection 625
Fencing--hillside 147
Flag football 723
Footbath--swing gates 593
Gate--roller chain holds .. 563
-support 307
Handles--plastic 267
Hanger--plastic electrical cord 421
Hay spears--protection ... 147
Hose--pail handle cover ... 29
Jack mount--tire changing .463
Jug--detergent (wash station) 421
Key rack 267
Ladder--crossbar supports375
Leg bands--washing 677
Light--gooseneck hookup 229
Locks--freeze-up 187
Manure storage--above-ground (equipment storage) 65
Milking machine--rear teats close together 65
Nipples--storage and cleaning 337
Pail holders 499
Payloader--bunker shaving with 421
-fuel-saving 229
Platform--loading hay 723
Plywood--board (field and crop records) 229
Post-it notes--breeding records 187
Posts--gate mounting on damaged 593
PVC pipe--health records storage 187
-T-post and, mark property lines 337
Rat traps--securing 463
Ribbon--cow marker 563
-feeding protocol 375
Shade--hay provides 527
Shed--dead stock 499
Sheet metal--thread fix ... 527
Silage--hay (packing) 527
Silo--funnel extension 229
Skid loader--cab warmth 677
Sprayer--electric sensor fly 307
Tags--breeding month 775
Tank float--bracket keeps, in place 375
-guard 421
Tape--reflector 29
-vet check marking 527
Thermometer--digital 115
Tire--storage (portable) . 625
TMR--readout (swivel) 267
Trailer-tray adds storage .. 187
Trough--collects precipitation 563
Water lines--form protects 625
Wind block--removable recycled 115

- I -

Ice cream--headaches ... 489
-Picket Fence Creamery 519
Iditarod 228
ID--Michigan, system . 721(R)
Illinois Dairy Days 790
Immigrant labor 749
Immigration--reform 216
Immune system--cows ... 481
Immune response 284
Immunosuppression--cows 72
Income--diversify for more 222
Income taxes--children (unearned income) 63
Interest--payments 132
India--milk production 329
Inflation 226
Insurance--milk price 370
Internet--broadband 199
-dairy science 543
Interns--Hilmar farm 628
-international 63
Internships--Dairy Shrine website 739
Iowa--land value drop 319
-winter liquid manure spreading ban 387
Israel--cow cooling 503
Italy--Holstein numbers .. 475

- J -

JBS SA--National Beef acquisition cancelled ... 199
Jersey cow--Duncan Hilbrite of Family Hill (lifetime milk production leader) 355
Jobs--dairy 79
Johne's--colostrum replacer 248
-Dietzia 612
-ELISA tests 580
-evaluation of a cow 686
-monensin bolus 360
-on-line courses 392
-prevention 84
-super-shedders 615
-tests 87-587
-vaccine 159
June Dairy Month --celebration ideas 422

- K -

Kentuckiana Dairy Exchange 466
Kernel processing 523
Ketosis--electronic test ... 440
Klussendorf Award--McEvoy wins 649
-Rueth wins ..... EXPO 46
Klussendorf-McKenzie Award --McCauley wins 649
-Reichard wins .... EXPO 32
Koepp Family (family time) .55
Kohlberg Kravis Roberts & Co. 3
Kraft Foods--earnings 475

- L -

Labor (see employees)
Lactose intolerance --prevalence 739
Lameness--cows..... 94-284
-heat detection 8
-subclinical 670
-tie stall barns 440
Land--Iowa, value drop .. 319
-rental rates for farm ... 355
-values fall 392-639
Land O' Lakes--Tulare expansion 319
Lawsuits--manure-handling (legal expenses recoup).387
Lead poisoning 696
Leaders--effective 756
Leasing--dairy facilities .. 587-753
Legs--traits (cows) 96
Lender--evaluation 399
Leukemia--run for (Nelsons) 774
Lice--children 307
Livestock Indemnity Program 511

- M -

Mad cow disease (see BSE)
Maddox Dairy--TB 127
Management--dairy 237
Manitoba--food product trace database 159
Manure--borax treatment 227
-conversation topic 187
-fall application 580
-fertilizer 409-590
-handling 52-284
-handling (lawsuit expense recoup) 387
-hauling time 387
-liquid winter spreading ban (Iowa) 387
-management (green power) 647
-nutrient management ... 54
-pit math 409
-solid (phosphorus excretion) 548
-value ..... 34 (R)
Manure digester 21
-Crave Brothers) .... 182 (R)
Maryland and Virginia Milk Producers--profit . 319
Mastitis--closed herds 644
-consequences 492
-cows with, harder to get bred 6
-culturing 497
-detection 679
-J5 vaccination 52
-monitoring 143
-standing time lowers risk 480
-staph aureus 8-20
-type of, affects loss 716
McCauley--Klussendorf-MacKenzie Award 649
McDonalds--Angus burgers 543
McEvoy--Klussendorf Award 649
McKown--scholarship 279
McKowan Master Breeder Award--Burdette wins .....EXPO 49
Meatless Mondays 691
Methane--emissions (cows)203
-reduction (cows) 392
Metritis--cows 297-627
-cows (first lactation) 480
Micellar casein 127
Michigan--expense items (dairy) 575
-ID system ..... 721 (R)
Michigan Milk Producers Assn.--patronage refunds 243
Milk--allergies 580
-antibiotics (positive tests) 319
-attributes 515
-bacteria counts 330
-balancing costs 359
-BST-free 387
-cancer-fighting 543
-carbon footprint 542
-carbonated, drink (Coca-Cola) 511
-cheese use 365
-children's beverage 79-159
-consumption (lowers risk of dying from chronic disease) 575
-cost per hundredweight 393
-extract (miellor casein) 127
-flavored 696
-HVF ..... 652 (R)
-low-cell-count ..... 652 (R)
-nutritional value 177
-pasteurization 204-713
-poor-quality (hidden costs) 616
-raw (Colorado) 387
-raw, dangers 713
-school 165
-testing 248
-top producers (country) 47
-transport 359
Milk cartons--ads 739
Milk-Feed Ratio 580
-falls 132
-improving 360
Milk fever--chip that detects 575
Milk haulers ..... 396 (R)
Milk marketing--product demand 184
Milk-per-cow--2008 167
Milk prices--April mailbox 475
-August mailbox 739
-February mailbox 387
-forecast 487
-insurance 370
-January mailbox 319
-July mailbox 691
-June mailbox price 607
-low (positive moves) .. 144
-mailbox 249
-March mailbox 435
-May mailbox 542
-October mailbox 79
-priorities when low, are over 684
-protest march (Czech Republic) 243
-rebound possibility 262
-September mailbox 3
-thawing 772
-world auction forecast 754
Milk pricing--supply management 611
-support raises 634
Milk Processor Education Program--vitamin D 355
Milk production--cost of doubling 644
-eastern movement 339
-India 329

-record (Duncan Hilbrite of Family Hill) ... 355
-seasonal changes ... 549
-2008 ... 167
-United States ... 329
-world ... 329
Milk quality--PI counts ... 407
-somatic cell counts (world) ... 556
Milk replacer--pasteurized milk or ... 164
Milk-to-feed ratio--highest level ... 696
Milking--10 tips to bolster performance ... 178
-3x (U.S.) ... 47
-2x vs. 3x ... 555
Milking parlor --throughput ... 765
-troubleshooting ... 330
Minnesota Nutrition Conference ... 468
Mixer--stationary ... 622
Modernization--farm ... 326
MUN--test ... 204
-values ... 768
myDairy ... 204

- MEETINGS -

Dairy Herd Analytics ... 466
-forage conference ... 466
First North American Conference on Precision Dairy Farming ... 659
Great Lakes Dairy Calf Symposium ... 199
Illinois Dairy Days ... 790
Kentuckiana Dairy Exchange ... 466
Minnesota Nutrition Conference ... 468
National Dairy Leaders Conference ... 194
Southwest Nutrition and Management Conference 20
Southwest Dairy Day ... 292
Southwest Nutrition and Management Conference ... 790
Webinar on feeding ... 184
Western Canadian Dairy Seminar ... 50
Wisconsin 2010 Grazing Conference ... 790

- N -

National All Jersey--annual meeting ... 485
National Children's Center --grant ... 199
National Dairy Board --annual meeting ... 743
National Dairy Council -weight maintenance ... 3
National Dairy Leaders Conference ... 194
National Dairy Quality Awards--nominations wanted ... 493
winners ... 22 B
National Dairy Shrine Distinguished Breeder (Conant) ... EXPO 20
-Graduate Dairy Production Award (Osborn) EXPO 23
-Guest of Honor (Sandine) ... EXPO 20
Maurice Core Fund ... 332
Pioneers ... EXPO 48
Progressive Breeders (Lantzky and Avila) ... EXPO 44
-scholarships ... EXPO 23 ... and EXPO 30
-Student Recognition winner (J. Rassler) ... 528
-Student Recognition winners ... EXPO 50
National Junior Holstein --members ... 79
National Milk Producers Association--annual meeting ... 743
National Milking Shorthorn --annual meeting ... 495
Navels--dipping ... 75
Neck rails--lameness ... 516
Nelson, D. and B. (run for leukemia) ... 774
New Frontier Bank--closure 355
New York--watershed protection ... 406
New York Animal Agriculture Coalition ... 199
New Zealand--cow numbers ... 164
-dairying ... 68
-Fonterra (three-stage capital restructuring plan) ... 639
Nitrogen--prices ... 259
-research on impact ... 569
-topdressing ... 8
Nitrous oxide--greenhouse gas emissions ... 516
NorthAmerican Intercollegiate Dairy Challenge ... 279
North Carolina--dairy industry ... 75
North Florida Holsteins --calf sheds ... 362
Northern Ireland--BSE ... 127
Notice to the Help ... 83
Nutrition ... 247
-childhood ... 127-435
-fitness campaign (USDA, NFL, and dairy farmers) 691
-milk ... 177
-teenage (dairy) ... 392
-women ... 79
Nutrient management ... 54-284

- O -

Ohio State University --biosafety facility ... 319
Oils--essential (feeding) 16(R)
Oklahoma--vet law ... 691
Organic--dairy product sales (rise) ... 387
-farming survey ... 412
-grazing standards ... 3
Outdoor rooms ... 463
Ovsynch--Double ... 728

- P -

Packaging materials --dairy-derived ... 612
Pain--management (cattle) 580
Pasteurization--colostrum 480
-milk ... 204-713
Pastures--cows ... 580
-renovation ... 324
Pathogens--on-farm ... 324
PEAQ sticks ... 171
Penguin--washvat image ... 50
Pens--calving ... 440
Pharmaceutical sales --career ... 268
Phosphorus--heifers ... 360
Photography ... 527
PI counts ... 407
Picket Fence Creamery ... 519
Pickup--farm ... 499
Pizza--frozen, sales up ... 691
Planters--steps in building 376
Pneumonia--calves ... 412
-cows ... 174
Phosphorus--excretion (solid manure) ... 548
Poisoning--lead ... 696
Polled genetics ... 594
Pork--China, importer ... 159
-U.S. buying more ... 607
Power lines--disorientation of grazing cows ... 284
Precision Feed Management Program ... 406
Pregnancy--lost ... 553
-rate ... 410
-worth ... 334
Presynch ... 620
Prices--component ... 325
Processing--on-farm ... 744
Professional Animal Auditor Certification Organization ... 511
Protein--feeding ... 325
Purebred Dairy Cow Unified Scorecrtd ... 500

- Q -

Quiz--Hoard's Dairyman ... 778
-2008 correction ... 47

- R -

Rassler, J. (Dairy Shrine Student Recognition winner) ... 528
ReCharge ... 739
Records--storing (computer) ... 758
Red and White Dairy Cattle Assn.--annual meeting 538
-new address ... 475
Reichard, C. (cattle fitter) ... EXPO 32
Replacement costs ... 517
Reproduction--forage-produced estrogens and effect on ... 153
-pregnancy tests ... 661
-research ... 133
-shorter dry periods ... 84-496-548
Reproductive problems --abortions ... 703
-dystocia ... 612
-lost pregnancies ... 553
-shy breeders (mastitis) ... 6
-stillbirths ... 10
Research--facilities (Canada) ... 575
-nitrogen impact ... 569
Rice, M., Dairy Production Efficiency Award ... 3
Roads--impact by large farm equipment ... 159
Roth Kaee USA--Emmi purchases ... 159
Round Table--close-up and fresh cow specialists ... 88
Round Table--Eight that do great on quality ... 22 B
-Forage quality is important to them ... 134
-Heifer growers and their customers speak out .. 746
-Quality forage is important to us ... 698
-Technology and cow handling go hand-in-hand ... 56
Runoff ... 132

- RECIPES -

Baked ziti ... 28
Butter--basil ... 336
Cheese ... 722
-grilled ... 722
-seafood mac and ... 722
Chicken--roast, Chesapeake ... 624
-two-cheese Mediterranean stuffed ... 624
Dippers--fruit and cheese 420
Fondue--red pepper-dill Swiss ... 722
Frittata with ham and vegetables ... 186
Grilling ... 498
Ham delights ... 186
Lemon bars-Cheryl's ... 336
Lemon semifreddo ... 336
Lemonade--fresh fruit ... 336
Mango lassi ... 420
Marinade ... 420
Meatloaf--Lynnn's ... 28
Pizza--bowl ... 28
-heart-shaped mozzarella and fontina ... 114
-onion and prosciuitto ... 498
Salad--cranberry buttermilk ... 114
-pea (crunchy) ... 186
-tuna and walnut pasta 420
Salmon--lemon-pesto ... 336
Sauce--Grecian tomato ... 562
-meat ... 562
-mustard-bourbon ... 114
-tomato ... 562
-ziti with basic no-cook .. 562
Soup-cream of asparagus 186
-cucumber-walnut ... 420
-tortilla ... 28
Squares--strawberry frozen yogurt ... 114
Steak--marinated flank ... 498
Stuffing--apple-walnut ... 624
-cornbread ... 624
-seafood ... 624
-two-cheese Mediterranean ... 624
Tomatoes ... 562
Turkey pot pie ... 28
Yogurt ... 420

- S -

Safe Start ... 656
Safety--cattle ... 548
-children (farm) ... 612
-farm ... 656
-tractor ... 374
Salmonellosis ... 207
-levels (Northeast) ... 580
Sand--eating (cows) ... 696
-finishing floors ... 382
Saputo--F+ A Dairy purchase ... 511
Satellite--crop residue estimation via ... 284
Schafer, T., Dairy Production Efficiency Award ... 3-308
Scholarship--Core (Brown) ... EXPO 30
-Iager (Garland) .. EXPO 30
-Kildee (Wittenerg and Achen) ... EXPO 23
-Klussendorf-McKown (Bender and Mitchell) ... EXPO 30
-Maurice Core Fund ... 332
-McCullough (Boesche and Schirm) ... EXPO 30
-McKown Fund ... 279
-National Dairy Shrine/DMI Milk Marketing (Johnson) ... EXPO 23
Walters ... 719
Scholarships--agricultural 564
Schools--graduate ... 188
-Meatless Mondays ... 691
-milk ... 165
-snack sales dropping ... 739
Scorecard--purebred dairy cow unified ... 500
Scours--calves ... 238-538
Semen--sales ... 243
-sexed ... 205-272-439-655-705
Sexed semen .. 205-272-439-655-705
Show--All American Jersey ... 770
Silage--baie .. 444 (R)-494 (R)
-corn ... 168
-corn (feeding) ... 399
-corn (feeding new) ... 712
-corn (fermentation) ... 532
-corn (kernel processing) ... 523
-corn (making) ... 525
-corn (top 10 states) ... 127
-corn (value) ... 561
-surface for storage ... 363-381
-winter dry matter readings ... 139
Silo--bunker (management) 327
-packing ... 366
-repairs ... 220
Sire--ID ... 13
Sire selection--genomic evaluations ... 59
-PTA differences ... 171
Siting--permits (Wisconsin) ... 773
Smithfield Foods gestation stalls ... 475
Snacks--surgary or salty (sales dropping in schools) ... 739
Snaplage--pricing ... 619
Social media ... 204
Soft drinks--sales slide ... 355
Soil--moisture ... 164
Soil erosion--runoff ... 132
Solids--bedding ... 518
Somatic cell counts ... 497
-world ... 556
Sorting--feed ... 589
Southern Great Plains Dairy Consortium ... 159
Southwest Cheese --expansion ... 355
Southwest Dairy Day ... 292
Southwest Nutrition and Management Conference ... 20-790
Soybean meal--prices ... 84-284-480-644
Soybeans--genetically modified approved by EC ... 159
-immature ... 561
Spreadsheet--feeding ... 400
Sprengeler, A. internship 355
Starch--feeding ... 552
Stationary mixer ... 622
Statistical process control 23
Stillbirths ... 10-489
Stomach--holes (cows) ... 315
Store-brand sales ... 607
-retail dairy (Couch Family) ... 462
Straw--feeding chopped . 178
Stress ... 267
Strickler, Ivan, dies ... 62
Supermarkets--coupon offers ... 279
Supply management ... 611
Surveillance--farm ... 710
Synch programs ... 11

- T -

Tail docking--California ... 204
Taxes--income (children--unearned income) ... 63
Teams--advisor ... 264
-value of working as ... 137
Teats--care of dry, cracked 180
-winter care ... 744
Teenagers--dairy consumption ... 392
Tetreault Brothers (growing own heifers) ... 208
The Great Depression ... 441
Thriftiness ... 229
Tipton, C. (2009 Association Executive of the Year) ... 79
TMR--heifers ... 248
-one-group ... 394
Tractors--rollover protection ... 374
Trip--city and country life 115
Tuberculosis-Maddox and RuAnn Dairies (no depopulating) ... 127
Turnips--grazing ... 120
Twins--premature ... 42

- U -

Udder--development (heifers) ... 194-204
-teat care ... 180
-winter teat care ... 744
Ulcers--foot ... 516
United Dairy Industry Association--annual meeting ... 743
United States--world market player? ... 173
University of New Hampshire --grant ... 159
Urea--feeding ... 256
U.S. Ayrshire Breeders Assn.--annual meeting 484
U.S. Dairy Forum ... 131
USDA--biorefinery assistance program ... 3
-funding for foreign promotion ... 3

- V -

Vaccination--J5 ... 52
-newborn calves ... 166
-requirements ... 274
Vaccine--Johne's ... 159
-timetable ... 571
Veal--farms (group housing) ... 516-776
Ventilation--barn ... 372
Veterinarian--human health concern ... 283-440
-training program ... 212
Vitamin D--outreach project ... 355
-youth ... 644
Volatility--financial ... 132

- WXYZ -

Waukesha County Holstein Breeders Assn.--100th anniversary ... 243
Washington--biogas digester 647
Washington Dairygrams ... 5
49-81-129-161-201-245-281-321-357-389-437-477-513-545-577-609-641-693-741
Water--crop usage ... 479
-dairy usage ... 479
-failure ... 708
-guidelines ... 442
-heating costs ... 696
-value (California) ... 355
Watershed--protection ... 406
Weather--NOAA forecasts .744
Website--new dairy sustainability ... 691
Weed control--corn ... 291
Weight--loss (dairy product consumption) . 575
Welch, E. and E. (recognition) ... 306
Western Canadian Dairy Seminar ... 50
Wet corn gluten--feeding 644
Wheat--genetically engineered ... 543
Williams L. (Cattlemen's Beef Board) ... 526
Winter--teat care ... 744
Wisconsin--dairy processors investment ... 319
-grazing conference (2010) ... 790
-northern (Dairyland State Academy) ... 243
-siting permits ... 773
Women--healthful eating ... 79
World Dairy Expo--arena map ... EXPO 14
-award winners ... 279
-coliseum ... EXPO 11
-commercial exhibitors ... EXPO 24
-continuing education credits ... 575
-dairy cattle superintendent (Bob Kaiser) ... EXPO 16
-Dairy Woman of the Year (D. Holterman) ... EXPO 54
-Dairyman of the Year (D. Hileman) ... EXPO 54
-exhibitor list ... EXPO 8
-exhibitor guide ... EXPO 12
-exhibitors ... EXPO 29
-farm displays ... EXPO 26
-fitter (Hussey) ... EXPO 43
-grand champions .. 650-651
-grounds ... EXPO 15
-Industry Person of the Year (Core) ... EXPO 54
International Person of the year (Philipsson) ... EXPO 54
-judges ... EXPO 18
-junior show champions 651
-leadsmen ... EXPO 40
-main concourse ... EXPO 11
-outdoor trade mall ... EXPO 14
-photos ... EXPO 38
-schedule of events ... EXPO 10
-showing at ... EXPO 22
-Teixeira cattle ... EXPO 34
-trade show ... EXPO 36
World Jersey Cattle Bureau International--annual meeting ... 485
Yazwinski, M. (Iditarod) .. 228
Yeast--feeding ... 142
Young, Savy, and into Dairy ... 714
YSD ... 714

- PICTURED WERE -

Abbas, J. ... 346
Achen, J. ... EXPO 23
Allen, J. ... 203
Allyn, R. ... EXPO 18
Atkins, G. ... 18
Ayars Family ... 148
Ayrshire cow--Blind Buck Vall Tri Redpepper ... 650
Becker, J. ... 68
Beebe, J. ... 714
Behnke, M. and T. ... 422
Bellamy, K. ... 397
Bendig, B. ... EXPO 40
Benware, L. ... 583
Berousek, E. ... EXPO 48
Binversie, J. and P. and daughters ... 135
Blanchard Family ... 702
Bloemer, D. ... 699
Bradley, T. ... 739
Branstetter, F. ... EXPO 18
Brindley, S. ... 714
Brown Swiss cow--Old Mill E Snickerdoodle OCS 3E EX-94 ... 650
Burdette, J. ... EXPO 49
Burkhart, J. ... 519
Bush, E. and D. ... 135
Buske, K. ... 355
Carpio, D., D., and R. ... 323
Carson, S. and T. ... 22 B
Cates, G. ... 698
Christiansen, J. ... 134
Christoph, D. and D. ... 395
Conant, D. ... EXPO 20
Core, B. ... 628
Core, M. EXPO 7, EXPO 54
Coughlin, G., Jr. ... 286
Crave, K. ... 182 (R)

KEY TO PAGE NUMBERS

January 10 ... 1-44
January 25 ... 45-76
February 10 ... 77-124
February 25 ... 125-156
March 10 ... 157-196
March 25 ... 197-240
April 10 ... 241-276
April 25 ... 277-316
May 10 ... 317-352
May 25 ... 353-384
June ... 385-432
July ... 433-472
August 10 ... 473-508
August 25 ... 509-540
September 10 ... 541-572
September 25 ... 573-604
October 10 ... 605-638
October 25 ... 637-668
November ... 669-736
December ... 737-792

A look back at our covers from 2009

Dairy Challenge teams ... 279
Daley, M. ... 56
Davenport, J., K., K., and L. ... 22 B
Dieckhoff, J. and D. ... 422
Domecq, J. ... 286
Driver, K. ... 251
Dutcher, C. ... 355
Dyment, D. ... EXPO 40
East Central Select Sires ... 347
Euteneur, I. and J. ... 746
Fenendael, B., L., and S. 395
Enge, M. ... 56
Ertl, D., B., and T. ... 700
FFA--Chambersburg ... 346
4-H--Columbia County, dairy judging team ... 346
Flora, G. ... 482
Francis, A., I., and L. ... 68
Gaedtkes, K., and S. ... 699
Gallagher, T. ... 247
Galley, S. ... 770
Geisler, G. ... 724
Gingue, D. and S. ... 88
Gourley, C. J. P. ... 54
Graf, T. ... EXPO 48
Griffith, G. ... 714
Grusenmeyer, D. ... 770
Guernsey cow--Four Winds Mentor Highlite ... 651
Harper, S. ... 698
Hartschuh, T. ... 739
Haynes, S. ... 251
Heath, M. ... EXPO 18
Henderson, J. ... 323
Higley, P. ... EXPO 48
Hileman, ... EXPO 54
Hill, C. ... EXPO 18
Holterman, D. ... EXPO 54
Holstein cow--Harvue Roy Frosty ... 650
Horsens, J., C., A., C., and R. ... 68
Horst, A. ... EXPO 50
Hussey, S. ... EXPO 43
Iowa State University--judging team ... 347
Jersey cow--Duncan Hilbrite of Family Hill ... 355
-Ratliff Juno Madison-ET 323
-Ratliff Price Alicia ... 770
-Stephan Sparkle Vera-ET ... 651
-Xanadu Champion Kandy ... 651
Johnson, L. ... EXPO 23
Johnson, S. ... 484
Kaiser, B. ... EXPO 16
Kennedy, A. ... 89
Kerley, C. and K. ... 422
Koepp, W., K., B., S., and K. ... 55
Laffey, N. and L. Family ... 57
Lancaster, M. ... EXPO 46
Larson, S. and B. . EXPO 29
Lawlor, T. ... 85
Lee, L. ... 286-484
Longo, L. ... 441
Lutz, H. ... 286
Marti, F. and B. ... 250
Marti, R. and M. ... 250
Martinwz, R. ... 698
Maryland 4-H judging team ... 675
Mayhew, C. C. ... 496
McCauley, T. ... 649
McDonald, S. ... EXPO 18
McDonald, T., M., and C. ... 22 B
McEvoy, C. ... 649
McKown, R. ... 279
Meyer, J. ... 486
Meyers Family ... 702
Michigan State University Dairy milkers ... 22 C
Milking Shorthorn cow--Innistail BDC Stella 905 651
Molhoek, D. ... 721 (R)
Natzke, K. ... 675
Nelkie, AS. ... 714
Nelson, B. ... 774
Nelson, B. and J., and Family ... 250
Nelson, D. ... 774
Nifong, M. ... EXPO 22
Nuske, D. ... 323
Nemke, D. ... 182 (R)
Ohio State--judging team 674
O'Farrell, M. ... 714
Osborn, N. ... EXPO 23
Peterson, G., C., and B. 592
Philipsson, J. ... EXPO 54
Powell, J. M. ... 54
Prairie Central High School FFA of Illinois ... 79
Prince, M. R., C. and G. .22C
Rassler, J. ... 528, EXPO 50
Ratliff, C. and R. ... 251
Reape, V. ... 251
Red and White Holstein--KY-Blue Ruben Marla-RED-ET ... 650
-Scenic Edge Joyful Red-ET ... EXPO 22
Reichard, C. ... EXPO 32
Rice, M. ... 3
Ridgeway, N. ... 616
Roth, H. ... EXPO 48
Rueth, M. ... 251, EXPO 18, ...EXPO 46, 649
Rufener, K., M., and K. .. 134
Rulfs, J. ... 134
Ruzic, V. ... EXPO 29
Sandine, W. E. ... EXPO 20
Sauder, B. ... 651
Sayers, N. ... 698
Sayre, J. ... 647
Schafer, T. ... 3-308
Schaefer, K. ... 746
Schefers, K. and R. ... 22 C
Schilling Family ... 702
Schugel, S. ... 628
Schumacher, E., and J. ... 699
Simon, S. ... 652 (R)
Smith, N. ... 485
Spencer County High School FFA of Kentucky ... 79
Sprengeler, A. ... 355
Sprengeler, D. ... EXPO 18
St. Cyr, S. ... 134
Stewart, J. ... 57
Strickler, I. ... 62
Styer, S. ... 628
Supa, S. ... 770
Tetreault, D. ... 374
Tetreault Brothers ... 208
Teixeria, R. ... EXPO 34
Thelen, J. ... 89
Tohl, P. and D. ... 22 D
Topp Family ... 250
Vail M. ... 770
Vander Kinter, L. ... 366
VanPolen, M., K., D., B., and L. ... 22 D
Vilter, C. ... EXPO 46
Virginia Tech--judging team674
Walters, B. ... 719
Welch, E., and E. ... 306
Werkhoven, A. ... 647
Werkkhoven, J. ... 647
Williams, D. ... 647
Williams, L., and family ... 526
Wittenberg, L. ... EXPO 23
Wivell, G. ... 770
Wolfe, C. ... 85
Yazwinski, M. ... 228
Young, M. ... 770
Zepp, K. ... 286

KEY TO PAGE NUMBERS

January 10 ... 1-44
January 25 ... 45-76
February 10 ... 77-124
February 25 ... 125-180
March 10 ... 167-196
March 25 ... 197-240
April 10 ... 241-276
April 25 ... 277-316
May 10 ... 317-362
May 25 ... 353-384
June ... 385-432
July ... 433-472
August 10 ... 473-508
August 25 ... 509-540
September 10 ... 541-572
September 25 ... 573-604
October 10 ... 605-636
October 25 ... 637-686
November ... 689-736
December ... 737-782

- COVER PICTURES -

Andersen Dairy ... 277
Ayrshire class in cow judging contest ... 125
Brown Swiss class in cow judging contest ... 1
Buttercup Farm Guernseys (M. Johnson and B. Davis) ... 592
Chyle Land Dairy (J. and E. Chyle) ... 509
Christmas drawing ... 737
Circle-A Dairy Holsteins . 433
Dezeeuw, D. and K. farm Holstein calves ... 317
Emerald Farms Ayrshires (Fenton Family) ... 473
Four Winds Guernseys (C. and J. Vilter) ... 573
H.A.W.Farms ... 197
Holstein class in cow judging contest ... 45
Jersey class in cow judging contest ... 157
McKenzie, A., and P. Family Jerseys ... 353
Red and White class in cow judging contest ... 77
Rohe, C., and cat, Sneakers ... 385
Rohe Dairy LLC ... 385
Shelburne Farms--Brown Swiss cow ... 241
UK Cody Beaver Capri .. 541
Van Slyke, G. and T. ... 747
Wurmuth, J. ... 747